

Amendments to the Specification:

Please amend the specification as follows:

Page 1, after the Title, please insert the following paragraph:

This application is a National Stage application of PCT/FR2005/000352, filed February 16, 2005, which claims priority from French patent application FR 04/01527, filed February 16, 2004. The entire contents of each of the aforementioned applications are incorporated herein by reference.

Page 8, amend the paragraph on lines 9-11, as follows:

- ~~Figure 4 illustrates~~ Figures 4a and 4b illustrate a comparison between flow measurement by the process of this present invention and flow measurement by the hot-wire method.